

*JKW*

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/691,085
	Filing Date	October 22, 2003
	First Named Inventor	Tsuyoshi Ogawa
	Group Art Unit	2874
	Examiner Name	Kevin S. Wood
Total Number of Pages in This Submission	Attorney Docket Number	09792909-5704

**ENCLOSURES (check all that apply)**

- ☒ Transmitted herewith is Response to January 24, 2006 Office Action
- ☒ The fee has been calculated as shown below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	11	-	25	0	<input type="checkbox"/> x \$25.00 <input type="checkbox"/> x \$50.00	\$0
INDEPENDENT CLAIMS	2	-	4	0	<input type="checkbox"/> x \$100.00 <input type="checkbox"/> x \$200.00	\$0
	APPLICATION AMENDED TO CONTAIN ANY MULTIPLE DEPENDENT CLAIMS NOT PREVIOUSLY PAID FOR.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> x \$180.00 <input type="checkbox"/> x \$360.00 ONE TIME	\$0
	TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0

- ☐ Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated \_\_\_\_\_ by one month(s) for a fee of \$ \_\_\_\_\_ so that the period for response is extended to \_\_\_\_\_ under 37 C.F.R. § 1.136.
- ☐ The amount of \$ \_\_\_\_\_ for the Terminal Disclaimer under 37 C.F.R. § 1.20(d) is included in the enclosed credit card payment form to charge .
- ☐ The enclosed credit card payment form to charge the amount of \$ \_\_\_\_\_ is to cover the total claim fee and other applicable fees.
- ☒ The Commissioner is hereby authorized to charge the extension fee and any additional fees which may be required, or to credit any overpayment to Account No. 19-3140. **A duplicate of this sheet is enclosed.**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

14. ☒ Customer No. 26263

Dated: April 19, 2006

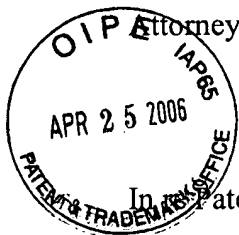
Christopher P. Rauch (Registration No. 45,034)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Dated: April 19, 2006

Lynne M. Anglemire



Attorney Docket No.: -09792909-5704

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Patent Application of:

Tsuyoshi Ogawa

Application No. 10/691,085

Filed: October 22, 2003

For: HYBRID CIRCUIT SUBSTRATE WITH  
OPTICAL AND ELECTRICAL  
INTERCONNECTS, HYBRID CIRCUIT  
MODULE WITH OPTICAL AND  
ELECTRICAL INTERCONNECTS AND  
MANUFACTURING METHODS THEREOF

) Group Art Unit: 2874

) Examiner: Kevin S. Wood

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1450, Alexandria, VA 22313-1450 on April 19, 2006.

*Lynne M. Anglemire*  
Lynne M. Anglemire

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO JANUARY 24, 2006 OFFICE ACTION**

Dear Sir:

This Amendment is submitted in response to the Office Action mailed January 24, 2006.  
Applicant respectfully requests reconsideration and allowance of the pending claims.

**Listing of claims** begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.